

FIG 1

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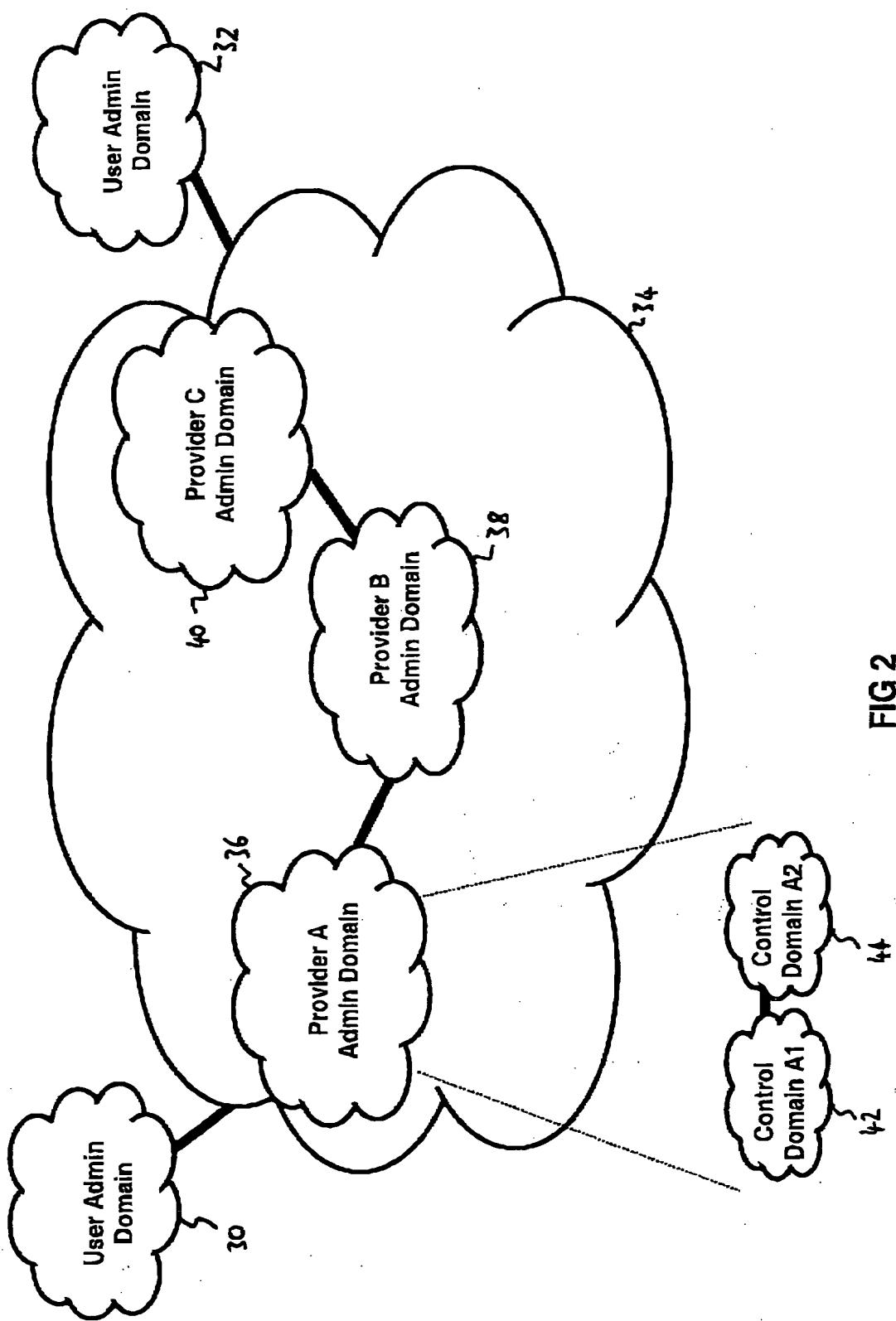
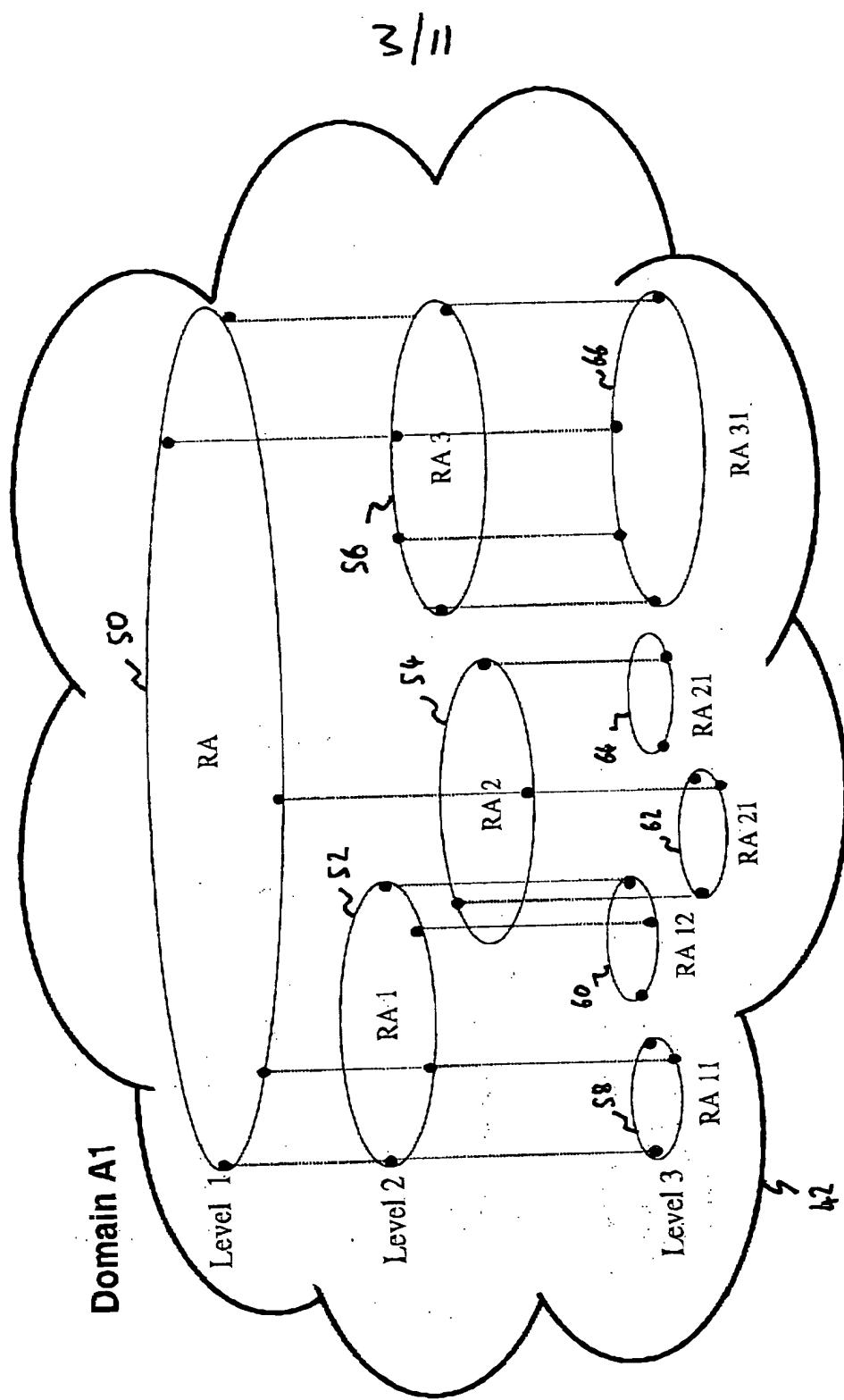


FIG 2

FIG 3



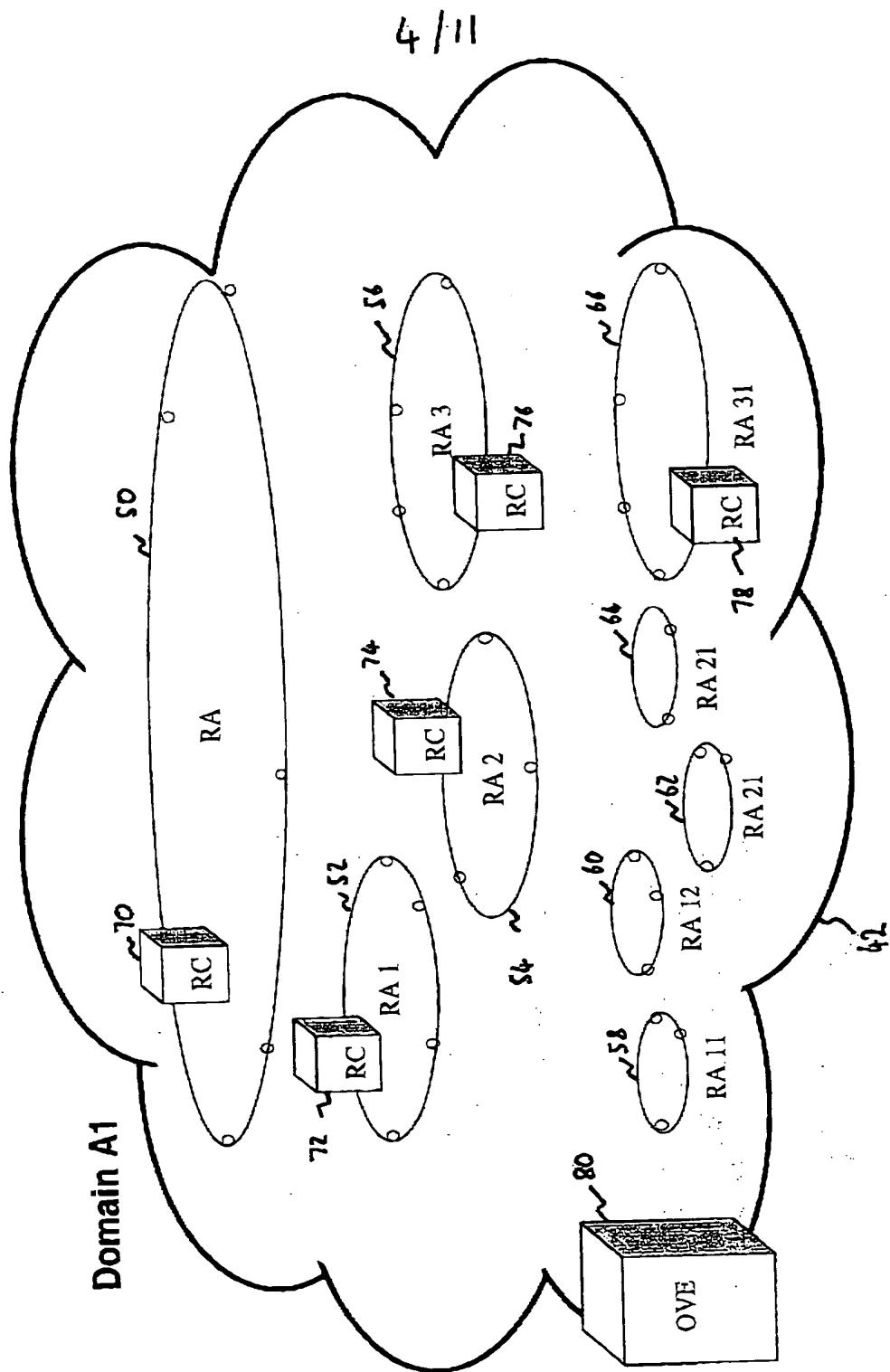


FIG 4

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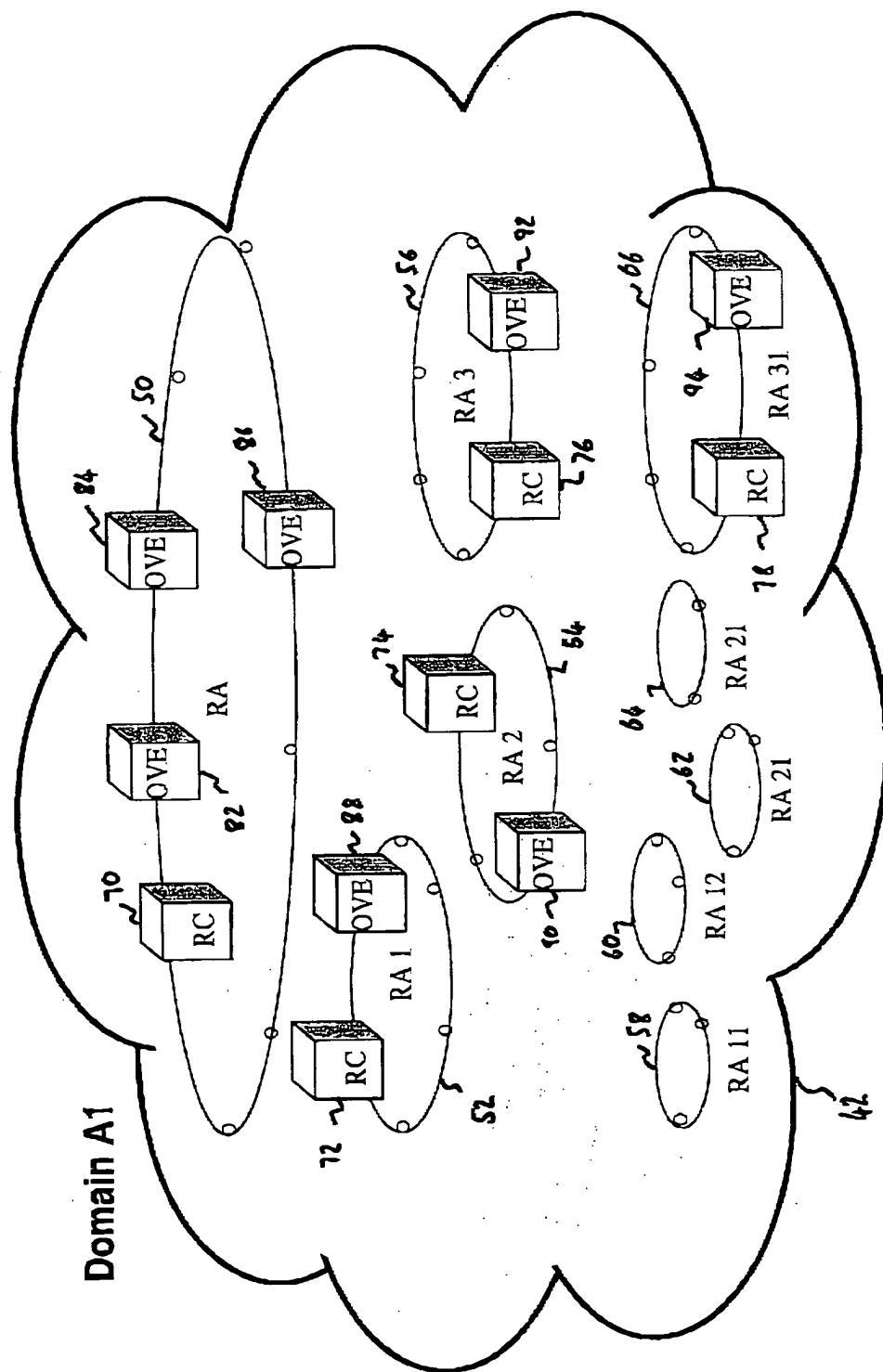


FIG 5

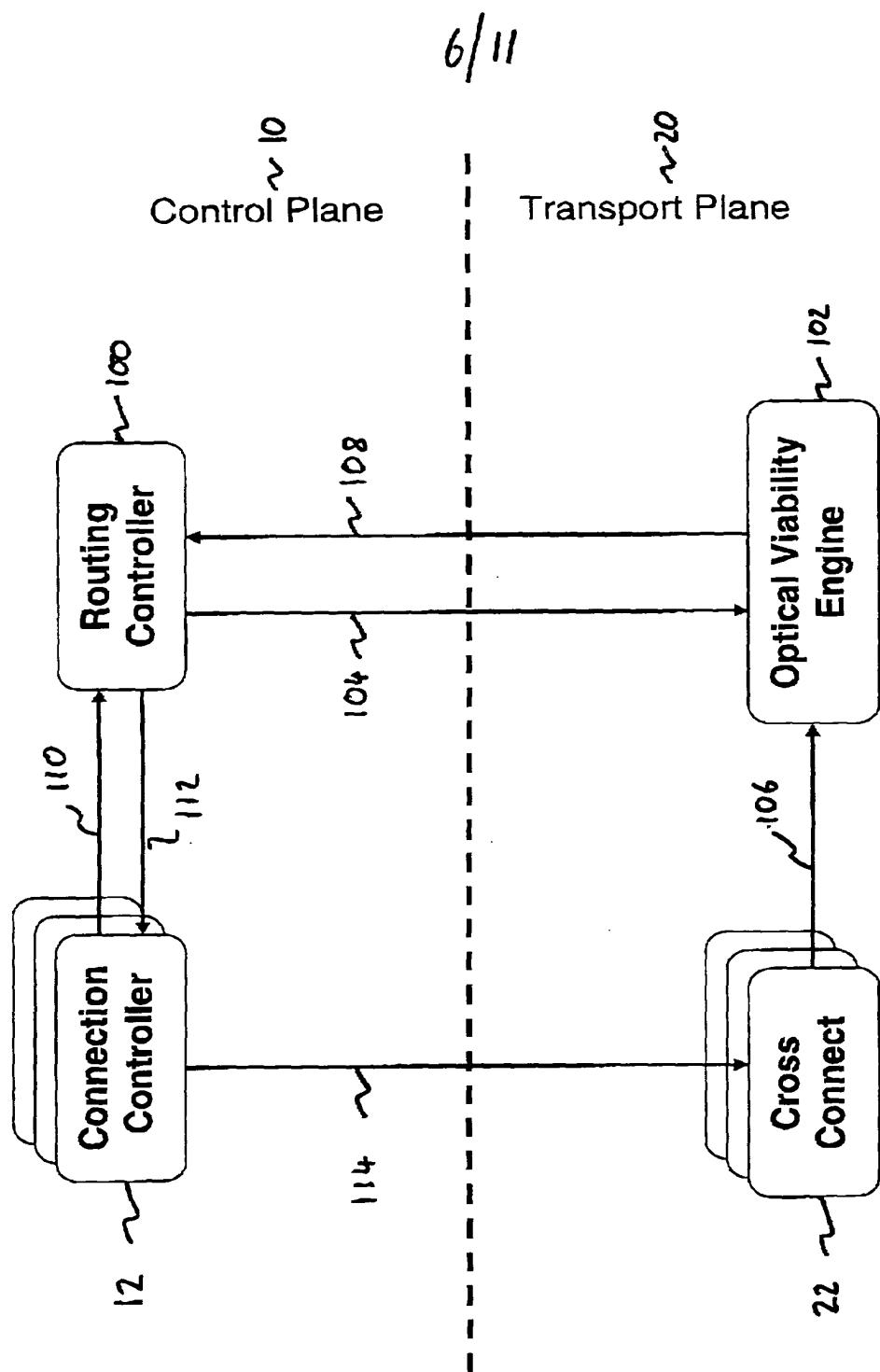


FIG 6

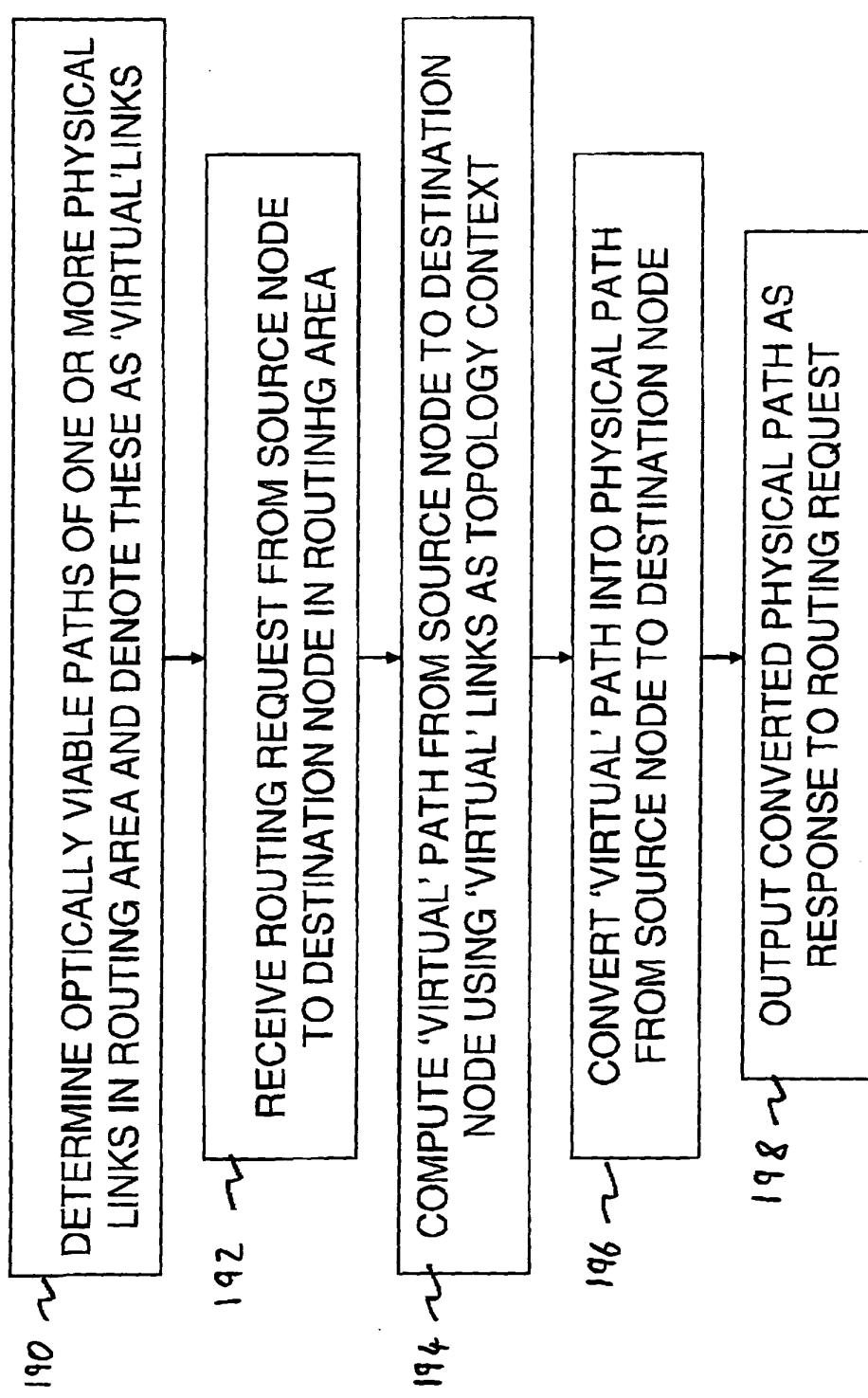


FIG 7

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Input Interface	Basic Input Parameters	Basic Return Parameters
120 ~	Route Table Query	Unresolved route element
121 ~	Local Topology In	Local topology update
124 ~	Network Topology In	Network topology update
126 ~	Optical Viability Response	Yes or No

Output Interface	Basic Output Parameters	Basic Return Parameters
128 ~	Local Topology Out	Local topology update
130 ~	Network Topology Out	Network topology update
132 ~	Optical Viability Query	Ordered list of SNPPs

FIG 8

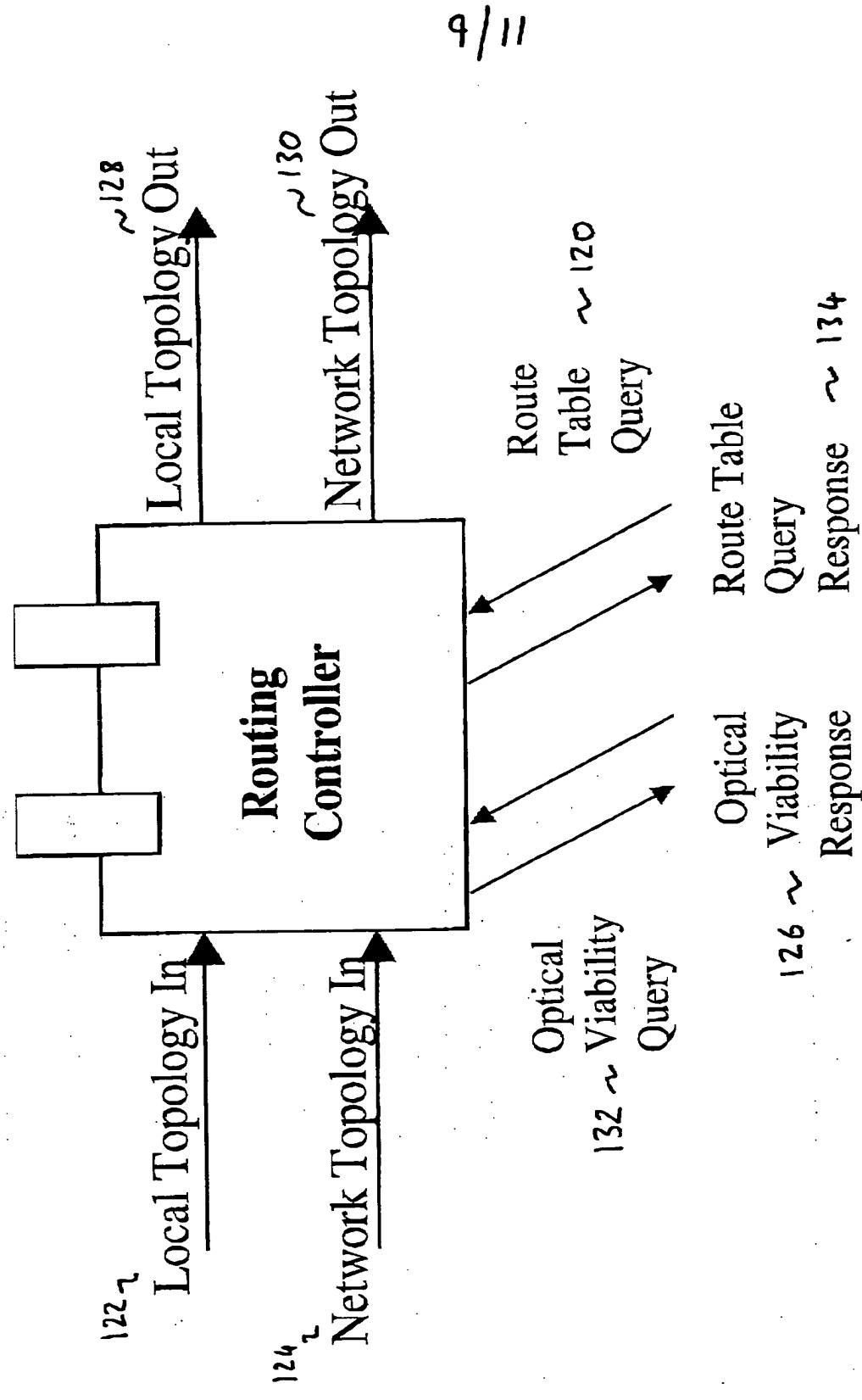


FIG 4

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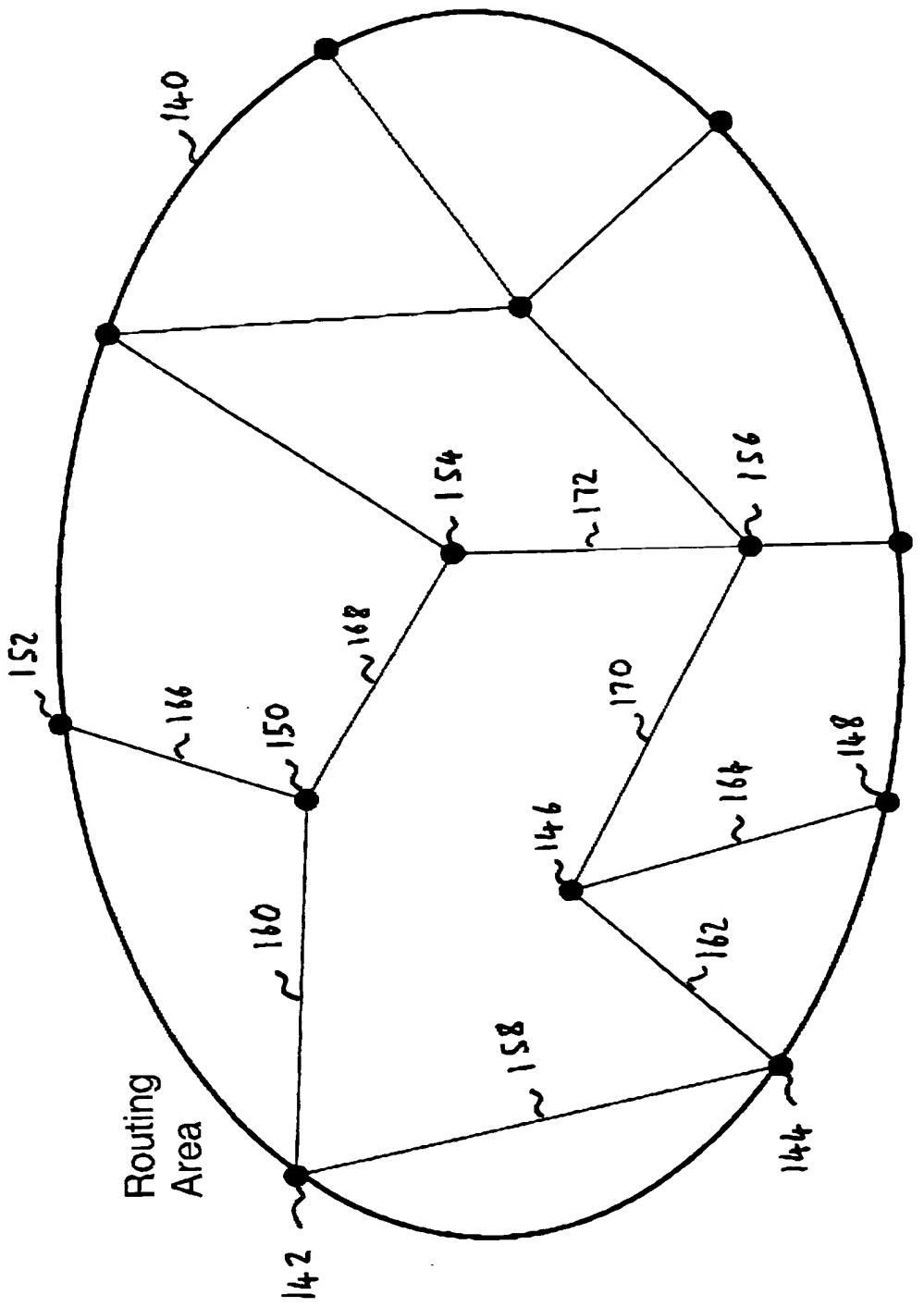
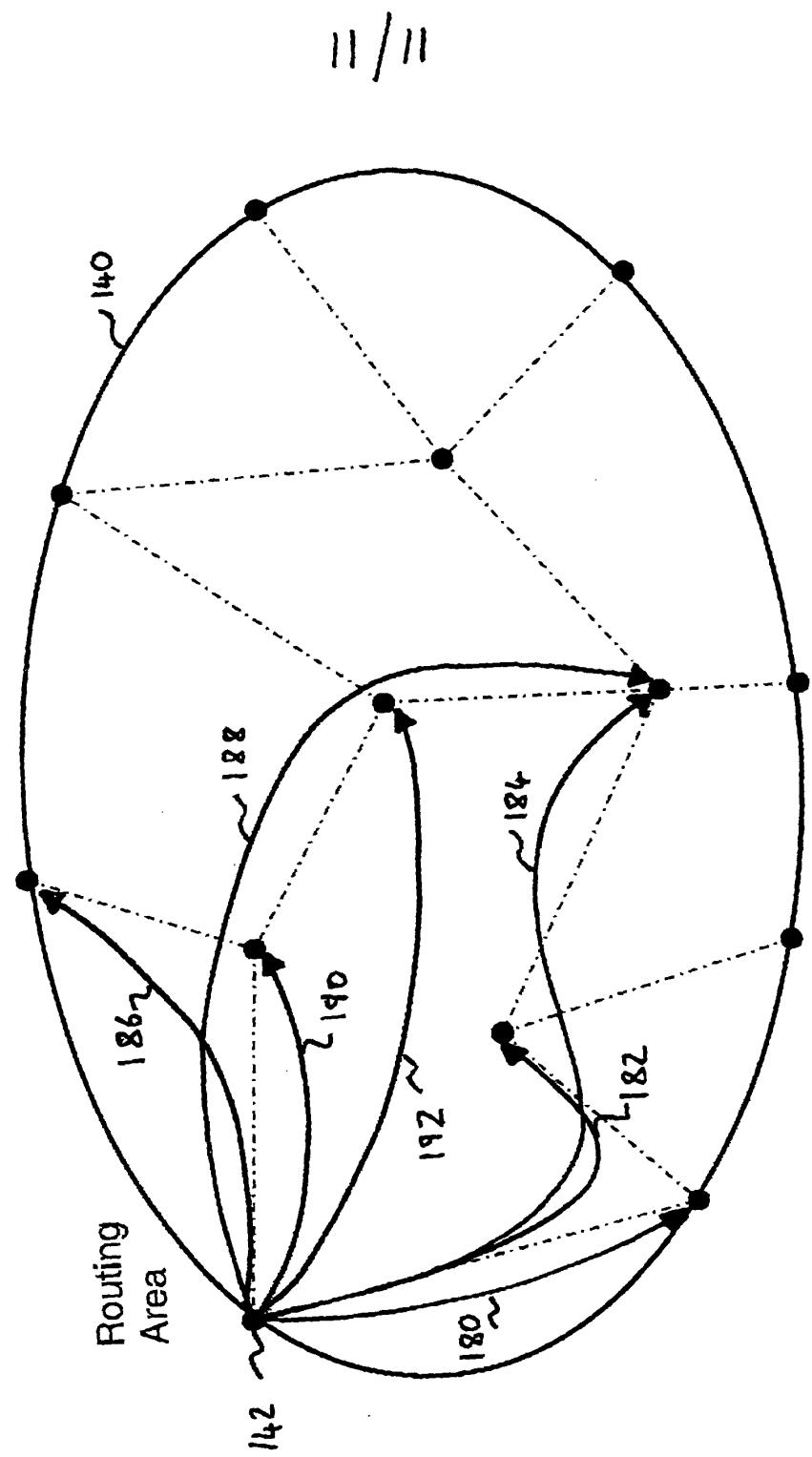


FIG 10

FIG 11



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